Common Core Mathematics Workbook For Grade 3

Step-By-Step Guide to Preparing for the Common Core Math Test 2019

The Only Book Your Student Will Ever Need to ACE the Common Core Math Test!

2 Complete Common Core Math Practice Tests

Reza Nazari
&
Ava Ross

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By

Reza Nazari

& Ava Ross

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Description

The goal of this book is simple. It will help your student incorporates the best method and the right strategies to prepare for the Common Core Mathematics FAST and EFFECTIVELY.

Common Core Mathematics Workbook is full of specific and detailed material that will be key to succeeding on the Common Core Math. It's filled with the critical math concepts a student will need in order to pass the test. Math concepts in this book break down the topics, so the material can be quickly grasped. Examples are worked step–by–step, so you learn exactly what to do.

Common Core Math Workbook helps your student to focus on all Math topics that students will need to pass the Common Core Math test. This book with 2 complete Common Core tests is all your student will ever need to fully prepare for the Common Core Math.

This workbook includes practice test questions. It contains easy–to–read essential summaries that highlight the key areas of the Common Core Math test. Effortless Math test study guide reviews the most important components of the Common Core Math test. Anyone planning to take the Common Core Math test should take advantage of the review material and practice test questions contained in this study guide.

Inside the pages of this workbook, students can learn basic math operations in a structured manner with a complete study program to help them understand essential math skills. It also has many exciting features, including:

- Dynamic design and easy–to–follow activities
- A fun, interactive and concrete learning process
- Targeted, skill–building practices
- Math topics are grouped by category, so you can focus on the topics you struggle on
- All solutions for the exercises are included, so you will always find the answers
- 2 Complete Common Core Math Practice Tests that reflect the format and question types on Common Core

Common Core Mathematics Workbook is a breakthrough in Math learning — offering a winning formula and the most powerful methods for learning basic Math topics confidently. Each section offers step–by–step instruction and helpful hints, with a few topics being tackled each chapter. Two complete REAL Common Core Math tests are provided at the back of the book to refine your student's Math skills.

Common Core Math Workbook **is the only book your student will ever need to master Basic Math topics!** It can be used as a self–study course – you do not need to work with a Math tutor. (It can also be used with a Math tutor).

Ideal for self–study as well as for classroom usage.



About the Author

Reza Nazari is the author of more than 100 Math learning books including:
– Math and Critical Thinking Challenges: For the Middle and High School Student
– ASVAB Math in 30 Days
– AFOQT Math Workbook 2018 – 2019
– Effortless Math Education Workbooks
– and many more Mathematics books …

Reza is also an experienced Math instructor and a test–prep expert who has been tutoring students since 2008. Reza is the founder of Effortless Math Education, a tutoring company that has helped many students raise their standardized test scores—and attend the colleges of their dreams. Reza provides an individualized custom learning plan and the personalized attention that makes a difference in how students view math.

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Contents

Description 8
Chapter 1: Numbers, Comparing and Patterns 14
Odd or Even 15
Number Sequences 16
Roman Numerals 17
Write Numbers in Words 18
Comparing and Ordering Numbers 19
Repeating Pattern 20
Growing Patterns 21
Place Values 22
Ordinal Numbers 23
Answers of Worksheets – Chapter 1 24
Chapter 2: Adding and Subtracting 28
Adding Two–Digit Numbers 29
Subtracting Two–Digit Numbers 30
Adding Three–Digit Numbers 31
Adding Hundreds 32
Adding 4–Digit Numbers 33
Subtracting 4–Digit Numbers 34
Answers of Worksheets – Chapter 2 35
Chapter 3: Multiplication and Division 37
Multiplication by 0, 1, 2, and 3 38
Multiplication by 4, 5, 6 39
Multiplication by 7, 8, 9 40
Multiplication by 10, 11, 12 41
Division by 0, 1, 2, 3 42
Division by 4, 5, 6 43
Division by 7, 8, 9 44
Division by 10, 11, 12 45
Dividing by Tens 46

Divide 3–Digit Numbers by 1-Digit Numbers 47
Multiply 1digit by 3–Digit Numbers 48
Answers of Worksheets – Chapter 3 49
Chapter 3: Data and Graphs 52
Bar Graph 53
Tally and Pictographs 54
Line Graphs 55
Answers of Worksheets – Chapter 3 57
Chapter 4: Spatial sense, Estimation and rounding 59
Rounding Numbers 60
Estimate Sums 61
Estimate Differences 62
Estimate Products 63
Missing Numbers 64
Answers of Worksheets – Chapter 4 66
Chapter 5: Money 68
Add Money Amounts 69
Subtract Money Amounts 70
Money: Word Problems 71
Answers of Worksheets – Chapter 5 72
Chapter 6: Time and Calendars 73
Read Clocks 74
Telling Time 75
Digital Clock 76
Measurement – Time 77
Calendars 78
Answers of Worksheets – Chapter 6 79
Chapter 7: Measurement 80
Metric System 81
Length 82
Temperature 83
Liters & Milliliters 84
Kilograms & Grams 85

Answers of Worksheets – Chapter 7 86
Chapter 8: Geometric 88
Identifying Angles: Acute, Right, Obtuse, and Straight Angles 89
Polygon Names 90
Classify Triangles 91
Parallel Sides in Quadrilaterals 92
Identify Rectangles 93
Perimeter: Find the Missing Side Lengths 94
Perimeter and Area of Squares 95
Perimeter and Area of rectangles 96
Area and Perimeter: Word Problems 97
Area of Squares and Rectangles 98
Answers of Worksheets – Chapter 11 100
Chapter 9: Fractions 102
Fractions 103
Fractions of a Number 104
Order Fractions 105
Simplifying Fractions 106
Improper Fraction 107
Comparing Fractions 108
Missing Denominator or Numerator 109
Answers of Worksheets – Chapter 9 111
Common Core Mathematics Practice Tests 115
Common Core Practice Test 1 118
Common Core Practice Test 2 135
Common Core Practice Tests Answers and Explanations 151

Chapter 1: Numbers, Comparing and Patterns

Topics that you'll learn in this chapter:

- ✓ Odd or Even
- ✓ Number Sequences
- ✓ Roman Numerals
- ✓ Word Names for Numbers
- ✓ Comparing and Ordering Numbers
- ✓ Repeating Pattern
- ✓ Growing Patterns
- ✓ Place Values
- ✓ Ordinal Numbers

Odd or Even

Helpful Hints	**Even:** Any integer that can be divided exactly by 2 is an even number. **Odd:** Any integer that cannot be divided exactly by 2 is an odd number.	**Example:** –3, 1, 7 are all odd numbers – 12, 0, 8 are all even numbers

Identify whether each number is even or odd.

1) 12 _____
2) 7 _____
3) 33 _____
4) 18 _____
5) 99 _____
6) 55 _____
7) 34 _____
8) 87 _____
9) 94 _____
10) 14 _____
11) 22 _____
12) 79 _____

Circle the even number in each group.

13) 22, 11, 57, 13, 19, 47
14) 15, 17, 27, 23, 33, 26
15) 19, 35, 24, 57, 65, 49
16) 67, 58, 89, 63, 27, 63

Circle the odd number in each group.

17) 12, 14, 22, 64, 53, 98
18) 16, 26, 28, 44, 62, 73
19) 46, 82, 63, 98, 64, 56
20) 27, 92, 58, 36, 38, 72

Number Sequences

Helpful Hints

- A pattern is a group of numbers or objects that follow a rule.
- There is a rule in any pattern for repeating and changing.

Example:

Write the next three numbers in each counting sequence.

1) –32, –23, –14, _____, _____, _____, _____

2) 543, 528, 513, _____, _____, _____, _____

3) _____, _____, 56, 64, _____, 80

4) 23, 34, _____, _____, 67, _____

5) 24, 31, _____, _____, _____

6) 52, 45, _____ , _____, _____

7) 51, 44, 37, _____ , _____ , _____

8) 64, 51, 38, _____ , _____ , _____

9) What are the next three numbers in this counting sequence?

1350, 1550, 1750, _____, _____, _____

10) What is the seventh number in this counting sequence?

7, 16, 25, _____

Roman Numerals

Helpful Hints

1	I	11	XI	21	XXI
2	II	12	XII	22	XXII
3	III	13	XIII	23	XXIII
4	IV	14	XIV	24	XXIV
5	V	15	XV	25	XXV
6	VI	16	XVI	26	XXVI
7	VII	17	XVII	27	XXVII
8	VIII	18	XVIII	28	XXVIII
9	IX	19	XIX	29	XXIX
10	X	20	XX	30	XXX

Write in Romans numerals.

1) 2 _____

2) 6 _____

3) 4 _____

4) 9 _____

5) 10 _____

6) 7 _____

7) 3 _____

8) 1 _____

9) 5 _____

10) 8 _____

11) Add 7 + 2 and write in Roman numerals. _____

12) Add 6 + 5 and write in Roman numerals. _____

13) Subtract 12 – 6 and write in Roman numerals. _____

14) Subtract 20 – 8 and write in Roman numerals. _____

Write Numbers in Words

Helpful Hints	- First, learn to write numbers from 1 to 9. 1 = one, 2 = two, 3 = three, 4 = four, 5 = five, 6 = six, 7 = seven, 8 = eight, 9 = nine - Learn how to write numbers from 10 to 100. For example: 16 = sixteen, 50 = fifty, 89 = eighty-nine - Learn how to combine words to write more numbers. For example: 120 is written as: one hundred twenty

Write each number in words.

1) 434 _____

2) 809 _____

3) 730 _____

4) 272 _____

5) 266 _____

6) 902 _____

7) 1,418 _____

8) 1,365 _____

9) 3,374 _____

10) 2,486 _____

11) 7,671 _____

12) 6,290 _____

13) 3,147 _____

14) 5,012 _____

Comparing and Ordering Numbers

Helpful Hints	**Comparing:** Equal to = Less than < Greater than >>br>Greater than or equal ≥ Less than or equal ≤	To compare numbers, you can use number line! As you move from left to right on the number line, you find a bigger number!	**Example:** 56 > 35 Order integers from least to greatest. (– 11, – 13, 7, – 2, 12) – 13 <– 11< – 2 < 7 <12

Use less than, equal to or greater than.

1) 23 _____ 34
2) 89 _____ 98
3) 45 _____ 25
4) 34 _____ 32
5) 91 _____ 91
6) 57 _____ 55
7) 85 _____ 78
8) 56 _____ 43
9) 34 _____ 34
10) 92 _____ 98
11) 38 _____ 46
12) 67 _____ 58
13) 88 _____ 69
14) 23 _____ 34

Order each set numbers from least to greatest.

15) – 15, – 19, 20, – 4, 1 ___, ___, ___, ___, ___, ___
16) 6, – 5, 4, – 3, 2 ___, ___, ___, ___, ___, ___
17) 15, – 42, 19, 0, – 22 ___, ___, ___, ___, ___, ___
18) 26, – 91, 0, – 13, 67, – 55 ___, ___, ___, ___, ___, ___
19) – 17, – 71, 90, – 25, – 54, – 39 ___, ___, ___, ___, ___, ___
20) 98, 5, 46, 19, 77, 24 ___, ___, ___, ___, ___, ___

Repeating Pattern

Helpful Hints

- Look for a relationship between two shapes in a row.
- After finding the rule, check the pattern for all other shapes.
- Use the rule to find next shapes.

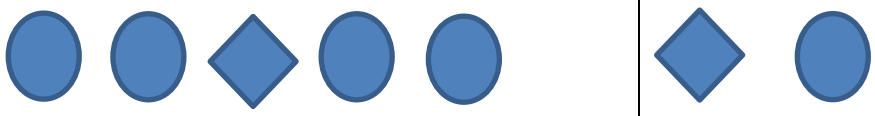
Example:

Circle the picture that comes next in each picture pattern.

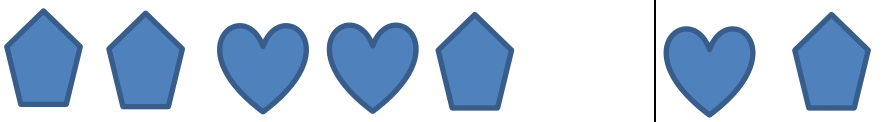
1)



2)



3)



4)

